

10/576299

JAP15 Rec'd PCT/PTO 19 APR 2006

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PCT

Intl.

Appl. No. : PCT/JP2004/014604

Applicant : Motoshige SUMINO et al.

Intl. Appl.

Filed : October 4, 2004

TC/A.U. : Not Assigned

Examiner : Not Assigned

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INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97(b)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

April 19, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each document is attached.

No fee or statement is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

U.S. National Stage of  
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Documents UA and DA to DG are in the English language. Therefore, no concise explanation of the relevance of the documents is believed to be required under 37 C.F.R. §1.98.

Document FA is not in the English language. However, the concise explanation of the relevance of the document required under 37 C.F.R. §1.98 is believed to be satisfied by the submission of an English language abstract and corresponding English language publication, document UA, thereof.

Document FB is also not in the English language. However, the concise explanation of the relevance of the document required under 37 C.F.R. §1.98 is believed to be satisfied by the submission of an English language translation thereof.

Document FB has been cited in the International Search Report of the present application. A copy of the search report is being filed concurrently herewith. The relevance of the document is also discussed in the International Search report. Please note an Examiner's obligation to consider documents cited in an International Search Report according to the provisions of MPEP §1893.03(g).

Documents FA and DA to DF are described in the "Related Arts" section of the specification of the present application.

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The Commissioner is authorized to charge our Deposit Account No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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KTK/jbf  
Attachments: PTO-1449  
Ten Documents

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PTO-1449		Applicant: Motoshige SUMINO et al.	
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## U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
	UA	5,705,702 A	01/06/98	Osawa et al.	568	77	
	UB						
	UC						

## FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
	FA	3063615 B2	05/12/00	JP	Abstract
	FB	9-12537 A	01/14/97	JP	Yes
	FC				

## OTHER DOCUMENTS

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	DA	Wildi, Bernard S. et al., "The Preparation of Triarylsulfonium Halides by the Action of Aryl Grignard Reagents on Diphenyl Sulfoxide", <i>J. Am. Chem. Soc.</i> , vol. 73, 1951, pp. 1965-1967.
	DB	Dektar, John L. et al., "Photochemistry of Triarylsulfonium Salts", <i>J. Am. Chem. Soc.</i> , 1990, vol. 112, pp. 6004-6015.
	DC	Wiegand, Gayl H. et al., "Syntheses and Reactions of Triarylsulfonium Halides", <i>J. Org. Chem.</i> , vol. 33, 1968, pp. 2671-2675.
	DD	Dougherty, Gregg et al., "A Synthesis of Aryl Sulfonium Salts", <i>J. Am. Chem. Soc.</i> , 1939, vol. 61, pp. 80-81.
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	DF	Andersen, Kenneth K. et al., "Synthesis of Triarylsulfonium Salts from Diarylethoxysulfonium Salts", <i>Tetrahedron Letters</i> , No. 45, pp. 5445-5449, 1966.
	DG	Imazeki, Shigeaki et al., "Facile Method for the Preparation of Triarylsulfonium Bromides Using Grignard Reagents and Chlorotrimethylsilane as an Activator", <i>Synthesis</i> , 2004, No. 10, pp. 1648-1654.

Examiner:	Date Considered:
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